

NYC Department of Education | Office of District Planning

Queens High School Data Summary

2024-2025 Strategic Planning Data Considerations

Fall 2023

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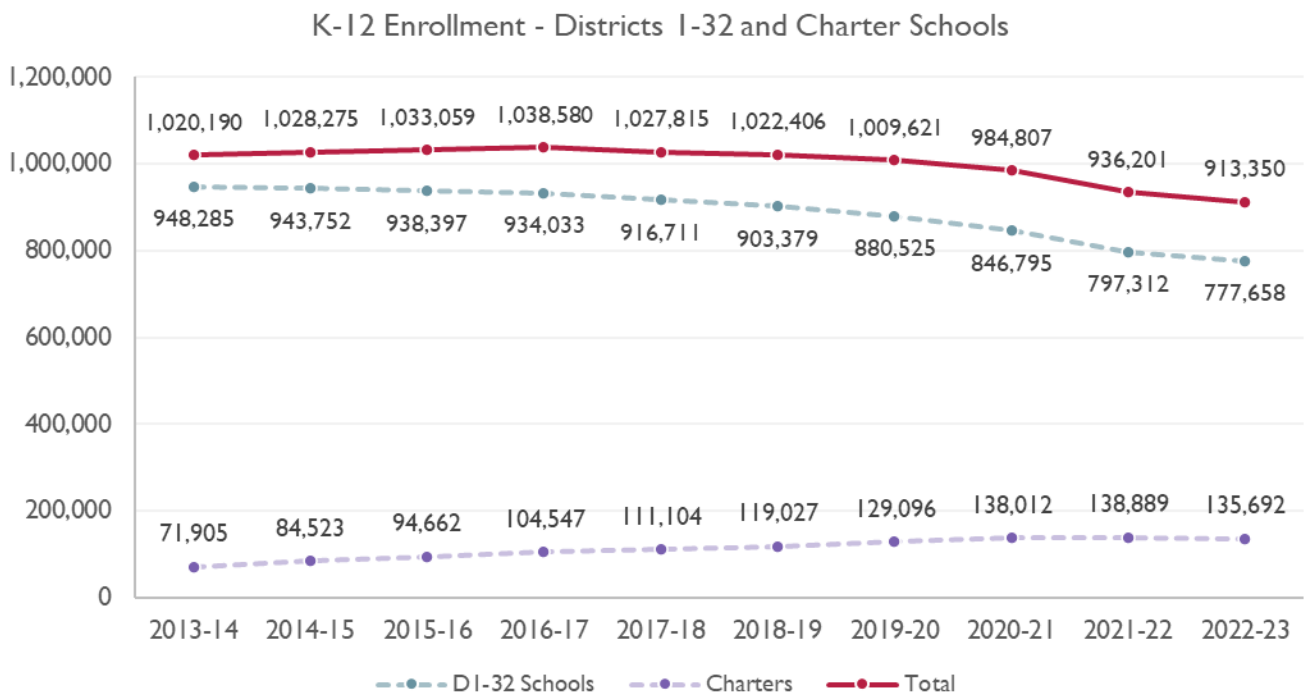
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CITYWIDE TRENDS

- New York City’s population declined in 2021, continuing recent population trends and exacerbated by the COVID-19 pandemic.
- NYC’s public school enrollment experienced a parallel dip in the last two years.
- As the city continues to recover from the COVID-19 pandemic, the DOE remains committed to thoughtful collaboration with districts and communities to collectively strengthen schools and support students and families.

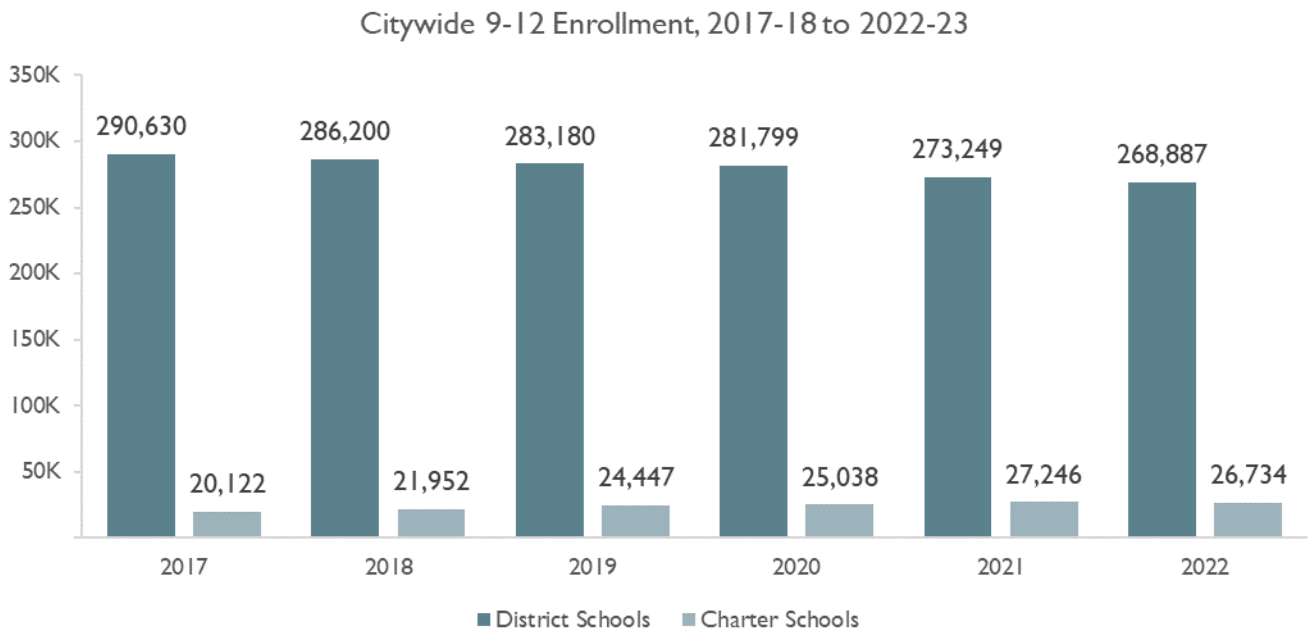
CITYWIDE ENROLLMENT (DISTRICT AND CHARTER), 2013-14 TO 2022-23



Source: Audited Register and Charter Headcount; includes district and charter school enrollment

- K-12 enrollment in District 1-32 schools and charter schools has declined by about 10% since its peak in the 2016-2017 school year.

CITYWIDE 9-12 ENROLLMENT (DISTRICT AND CHARTER), 2016-17 TO 2021-22



Source: Audited Register and Charter Headcount; includes district and charter school enrollment

- Although K-12 school enrollment in district 1-32 and charter schools has declined by about 11% since the 2017-2018 school year, high school enrollment has declined by only 5% during this time.

DISTRICT PLANNING PROCESS

RECENT SCHOOL CHANGES

- The Office of District Planning partners with superintendents and communities to address district needs in accordance with Chancellor’s Regulation A-190.
 - **Chancellor’s Regulation A-190** governs the process to make any major changes to school utilization such as co-locations, school mergers, grade expansions and truncations, re-sitings, and other changes. A-190 proposals are voted on by the Panel for Educational Policy (PEP).
- Guiding Questions:
 - How might recent changes affect district/borough needs as they are implemented? Do they address key needs and priorities?
 - What other school changes should be considered?

CHANGES IN QUEENS – 2021-22 TO 2023-24

Implementation Year	Change Type	Description	Impacted DBN(s)	Impacted Building(s)
2022-23	Re-sited DBN, Co-located DBN	Temporary Re-siting of Bushwick Leaders High School for Academic Excellence (32K556) from Building K865 to Building Q849 and Co-location with Joseph F. Quinn Intermediate School 77 (24Q077) for Two Years Beginning in the 2022-2023 School Year	32K556	Q849
2022-23	New School DBN, Co-located DBN	Opening and Temporary Co-location of New High School Gotham Tech (30Q417) with Newcomers High School (30Q555) in Building Q450	30Q417	Q450
2021-22	New Site of Existing D75 Program, Co-location	Co-location of 75Q177 with 26Q435 and 26Q315 in Q435	75Q177	Q435

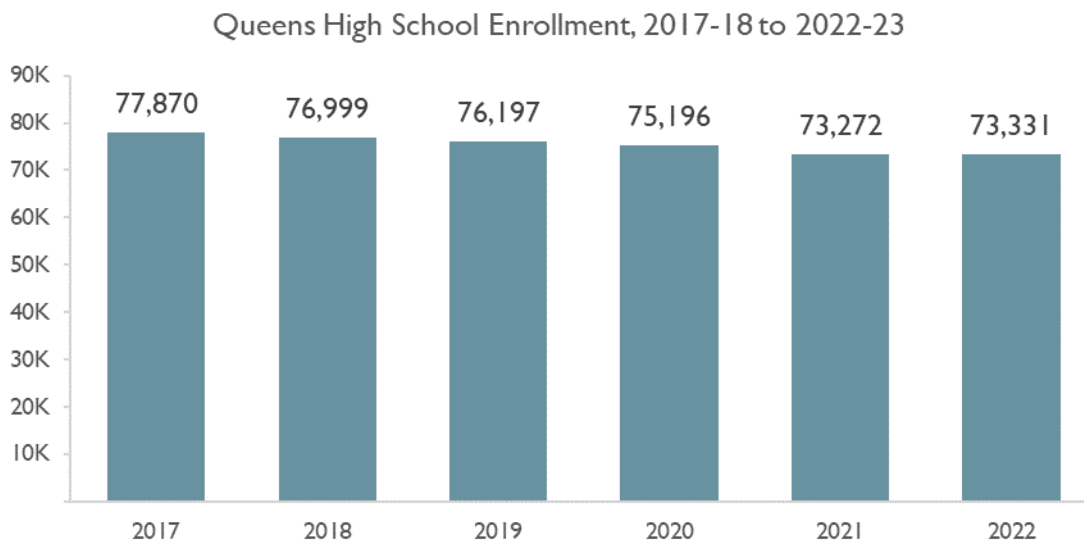
- In the 2022-2023 school year, Gotham Tech High School (30Q417) opened and is temporarily co-located with Newcomers High School (30Q555) in building Q450.
 - Gotham Tech High School (30Q417) is anticipated to be re-sited from Q450 to new building Q472 once it is ready for occupancy in 2025.
- Also in the 2022-2023 school year, Bushwick Leaders High School for Academic Excellence was temporarily re-sited from building K865 to building Q849 and co-located with I.S. 77 to allow for construction at K865. All grades of Bushwick Leaders will return to K865 for the 2024-2025 school year and beyond.

ENROLLMENT

UNPACKING ENROLLMENT TRENDS

- Enrollment is a key data component in the District Planning Process. Enrollment data helps us identify trends, make hypotheses, and understand where we need to dig deeper in partnership with our stakeholders.
- Guiding Questions:
 - What has happened to borough enrollment over the last six years overall? Are there notable trends?
 - Are students remaining in the borough to attend school? If not, where are they going?
 - Are students residing in other boroughs enrolling in large numbers?

QUEENS ENROLLMENT, 2017-18 TO 2022-23

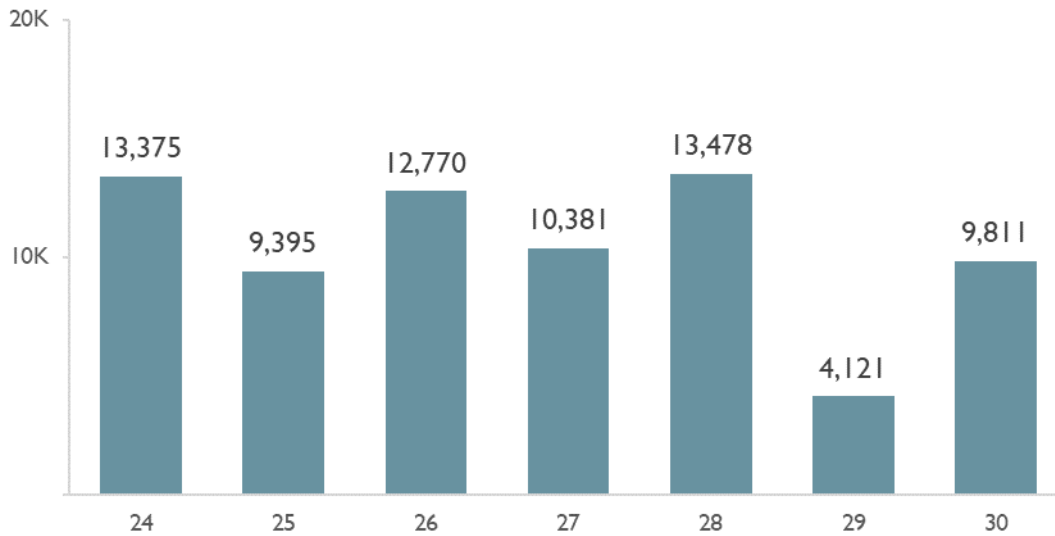


Source: Audited Register; includes district 1-32 schools only

- Over the past five school years, enrollment at high schools in Queens has decreased by approximately 4,500 students (6%).

QUEENS ENROLLMENT BY DISTRICT

Queens High School Enrollment by District, 2022-23

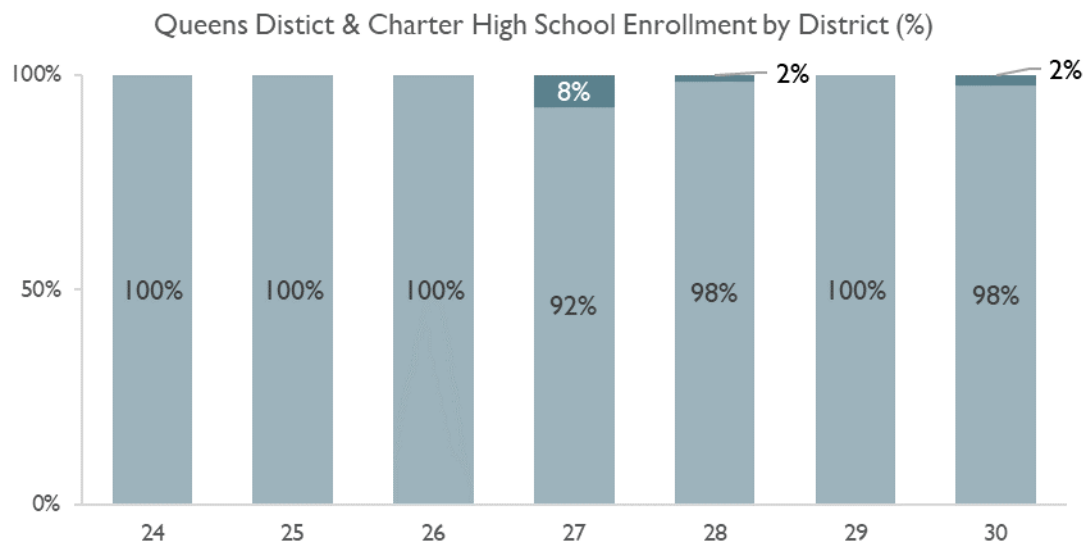
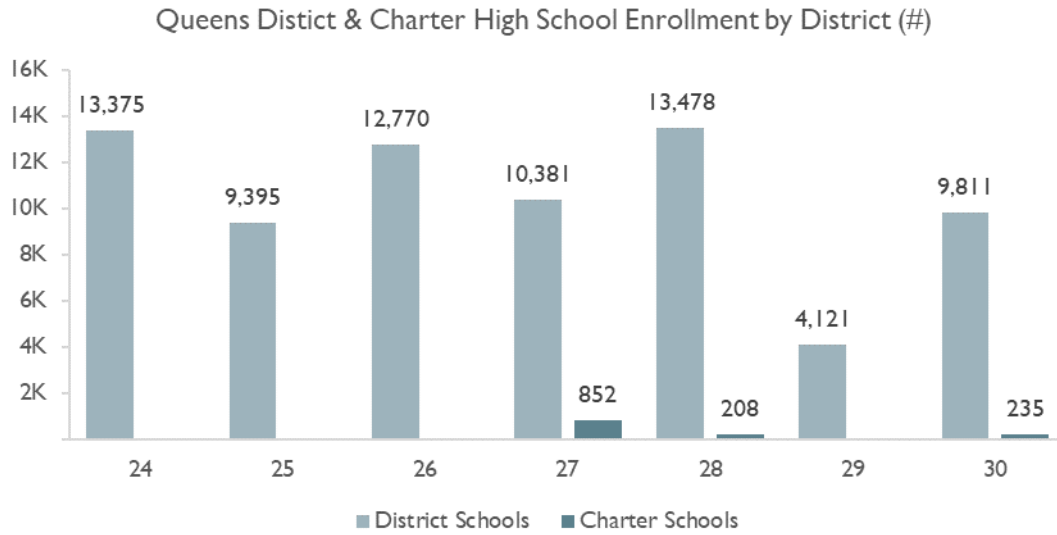


Borough	District	2017	2018	2019	2020	2021	2022	1-Yr Change	5-Yr Change
Queens	24	14,062	13,859	13,726	13,497	13,207	13,375	1%	-5%
Queens	25	10,193	9,976	9,919	9,677	9,466	9,395	-1%	-8%
Queens	26	13,949	13,702	13,480	13,425	13,039	12,770	-2%	-8%
Queens	27	10,012	10,125	10,502	10,414	10,198	10,381	2%	4%
Queens	28	15,003	14,955	14,619	14,530	13,821	13,478	-2%	-10%
Queens	29	4,461	4,260	4,004	3,868	3,921	4,121	5%	-8%
Queens	30	10,190	10,122	9,947	9,785	9,620	9,811	2%	-4%
Total		77,870	76,999	76,197	75,196	73,272	73,331	0%	-6%

Source: Audited Register; includes district 1-32 schools only

- Over the last five years, high school enrollment has declined in every district in Queens besides District 27.
- In the last year, District 29 high school enrollment has increased by 5% after several years of steady decline.
- While District 28 enrollment has declined 10% over the last five years, it continues to enroll the highest number of high school students in Queens.

DISTRICT AND CHARTER ENROLLMENT

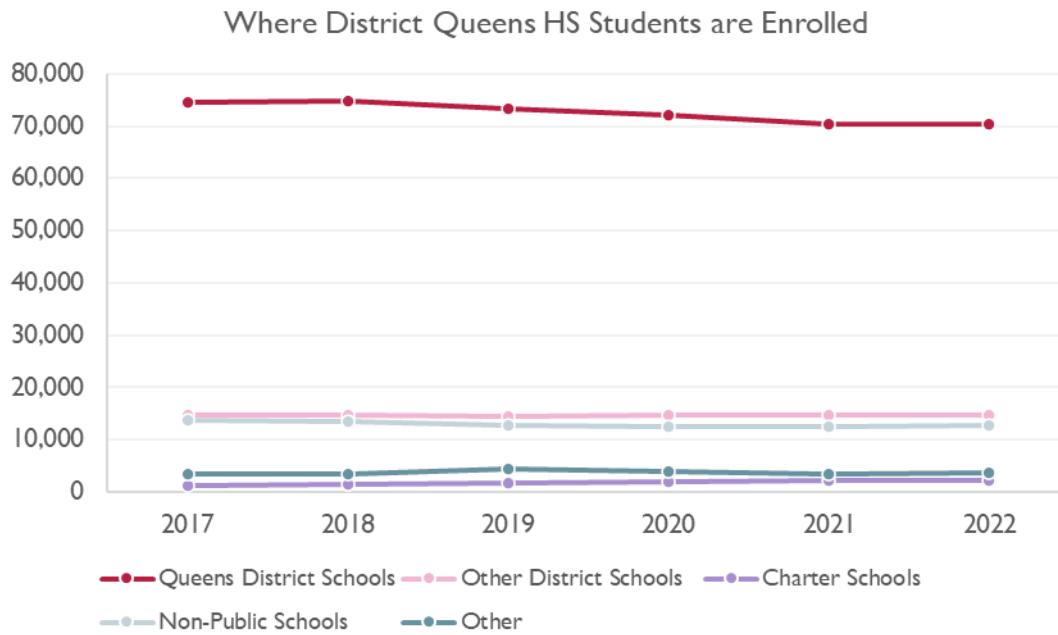


Source: 2022-2023 Audited Register and Charter Headcount

- Over the last three years, enrollment at district high schools in Queens has decreased by 4%, or 2,866 students.
- Enrollment at charter high schools in Queens has increased by approximately 19%, or 207 students, over the same time period.
- District 27 has the highest percentage of students enrolled in charter high schools of any district in Queens.

HIGH SCHOOL STUDENTS WHO LIVE IN QUEENS

High School Retention - Graph



High School Retention - Table

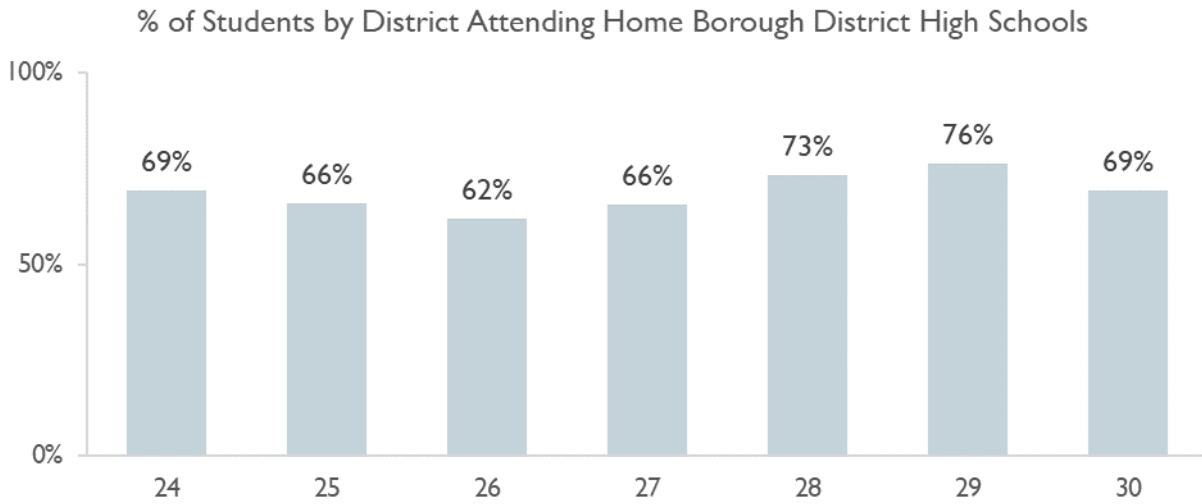
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	% of Residents	
							2017-18	2022-23
Queens District Schools	74,602	74,683	73,258	72,199	70,296	70,377	69%	68%
Other District Schools	14,614	14,769	14,536	14,840	14,827	14,769	14%	14%
Charter Schools	1,279	1,542	1,840	2,024	2,160	2,233	1%	2%
Non-Public Schools	13,848	13,523	12,789	12,484	12,635	12,703	13%	12%
Other	3,528	3,454	4,329	3,896	3,564	3,707	3%	4%
Total	107,871	107,971	106,752	105,443	103,482	103,789	100%	100%
% Change YoY		0.9%	0.9%	0.9%	-3.3%	1.3%		

Source: Audited Register for NYCPS and charter schools; NYCPS administrative data for non-public schools

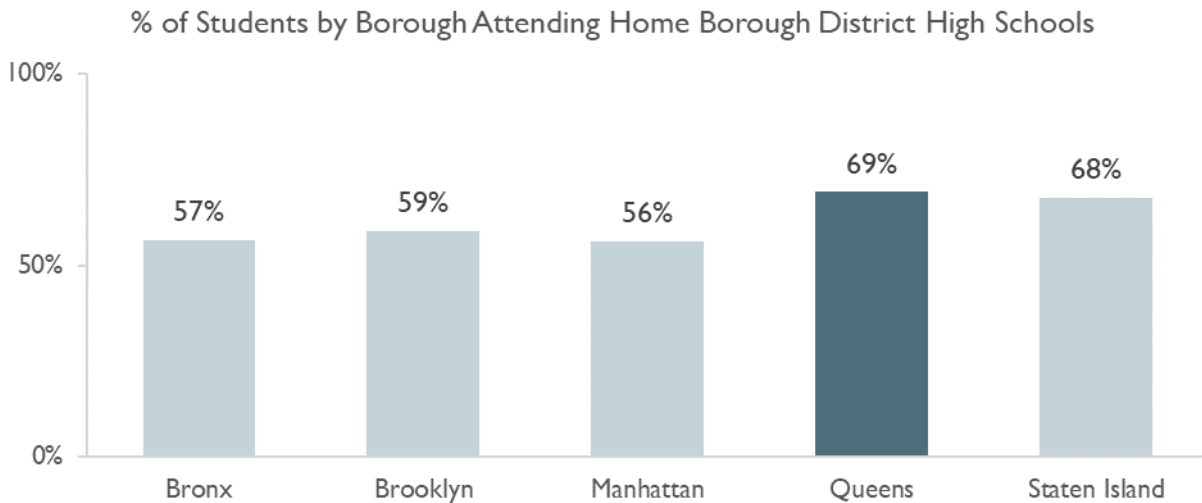
- Between the 2017-2018 and 2021-2022 school years, the number of high school-aged children residing in Queens declined by 4%. However, the number of residents began to increase last year.
- Enrollment choices for Queens residents have stayed about the same over the past five years.

HOW BOROUGH RETENTION COMPARES TO OTHER DISTRICTS & BOROUGHS

Borough Retention - By Borough



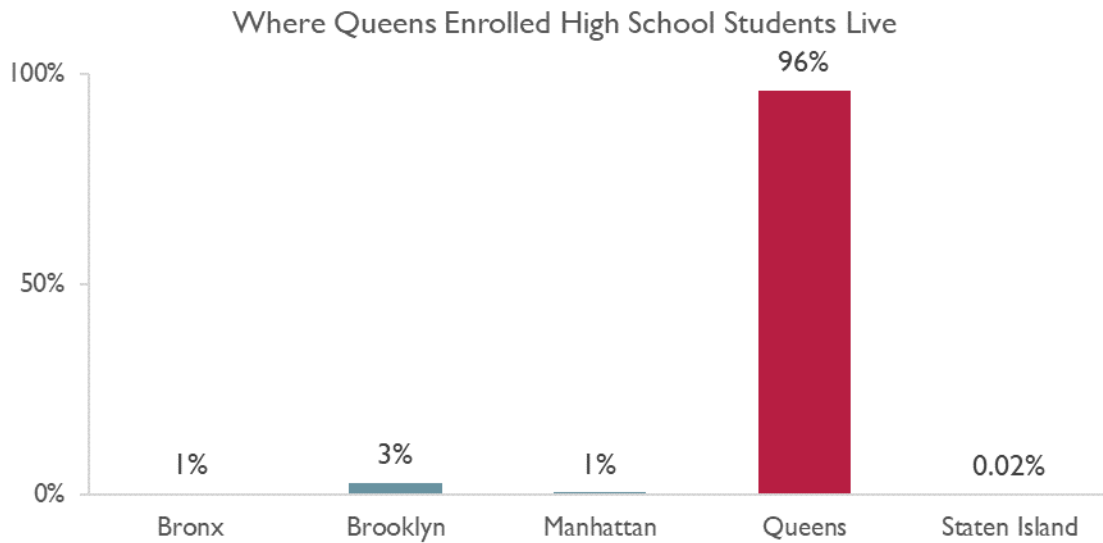
Borough Retention - By Borough



Source: Audited Register; percentage includes only students attending D1-32 schools.

- All districts in Queens have a high school retention rate over 60%, with District 29 having the highest at 76%.
- Queens has the highest high school retention rate in the city at approximately 69%.

WHERE QUEENS ENROLLED HIGH SCHOOL STUDENTS LIVE

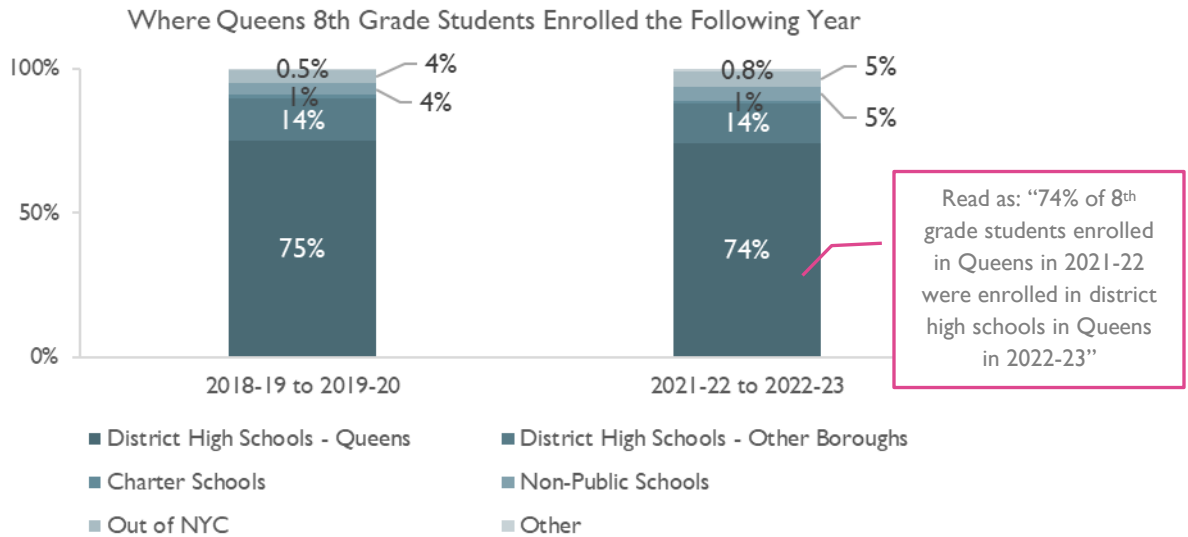


Source: 2022-2023 Audited Register

- Over 95% of high school students who attend high schools in Queens are residents of the borough. A small percentage live in Brooklyn.

QUEENS GRADE 8-TO-9 ARTICULATION

Grade 8-to-9 Articulation - Graph



Grade 8-to-9 Articulation - Table

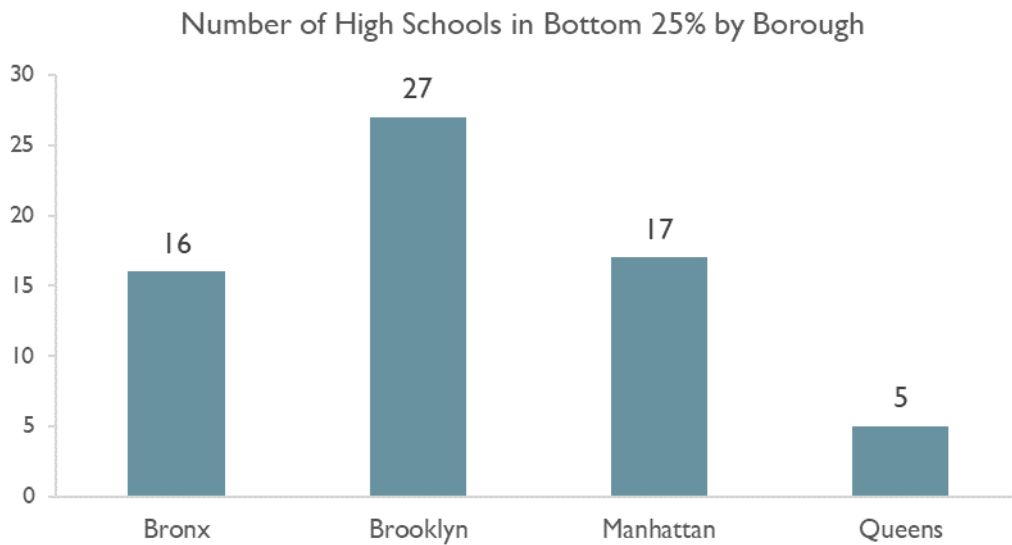
	2018-19 to 2019-20		2021-22 to 2022-23	
	#	%	#	%
Queens District High Schools	15,571	75%	14,725	74%
Other District High Schools	2,971	14%	2,683	14%
Charter Schools	278	1%	208	1%
Non-Public Schools	912	4%	973	5%
Out of NYC	877	4%	1,075	5%
Other	103	0%	154	1%
Total	20,712	100%	19,818	100%

- The percentage of 8th grade students staying within their district at a district school, enrolling at a district school outside of the borough, or enrolling in a charter or in a non-public school for high school has remained largely consistent.

HIGH SCHOOLS BY ENROLLMENT RANGE

- The table below shows the number of district/non-charter schools in the district by 2022-2023 K-12 enrollment range.
- The following graph shows the number of schools in each district with K-12 enrollment in the bottom 25% citywide, excluding schools that are still in the process of phasing in their full grade spans.

District	Less than 150	150-249	250-349	350-449	450-549	550-649	650-749	750-849	850-949	950-1,049	1,050+	Total
24	0	1	1	1	3	2	1	1	1	0	5	16
25	1	0	0	3	0	4	1	0	0	0	3	12
26	0	0	0	0	1	0	0	0	1	0	4	6
27	0	1	3	2	2	1	1	0	0	0	5	15
28	1	0	0	1	5	1	2	1	0	1	3	15
29	0	1	0	4	5	1	0	0	0	0	0	11
30	1	0	0	0	3	1	0	2	0	1	3	11
Total Borough	3	3	4	11	19	10	5	4	2	2	23	86



Source: Audited Register; includes district schools only; excludes transfer schools and schools in the process of phasing in.

- The majority of Queens schools across all districts serve over 350 students.
- Queens has the lowest number of schools in the bottom 25% for enrollment when compared to all boroughs.

Queens High Schools in Bottom 25% of Enrollment Citywide Serving High School Grades

DBN	School Name	Grade Level	2017-18 Enrollment K-12	2022-23 Enrollment K-12	5-yr Change	Fall 2023 Apps*
27Q324	Rockaway Park High School for Environmental Sustainability	HS	303	232	-23%	35
29Q248	Queens Preparatory Academy	HS	415	247	-40%	44
27Q260	Frederick Douglass Academy VI High School	HS	349	266	-24%	52
24Q236	International High School for Health Sciences	HS	307	267	-13%	98
27Q351	Rockaway Collegiate High School	HS	329	269	-18%	46

* Applicants here are represented as applicants who were not matched to a more preferred option.

Source: Audited Register and fall 2023 admissions data

- There are five Queens schools serving high school students with enrollment in the bottom 25% citywide.
- Rockaway Park High School for Environmental Sustainability and Rockaway Collegiate High School are co-located on the Beach Channel Campus (Q410).
- In the 2022-2023 school year, enrollment at Rockaway Collegiate was up 2% from the 2021-2022 school year, and enrollment at Queens Prep increased by 7% in the same period.

HIGH DEMAND HIGH SCHOOLS IN QUEENS

- The table below includes the highest demand schools at the 9th grade in the borough based on applications and applications compared to seats.
- Examining high demand schools can help identify models or programs that may be serving students well and inform other changes in the district through the planning process.

Highest Demand at 9th Grade

DBN	School Name	Total Seats	Fall 2023 Apps*
25Q525	Townsend Harris High School	290	5,863
26Q430	Francis Lewis High School	933	4,080
24Q299	Bard High School Early College Queens	125	2,900
26Q495	Bayside High School	893	2,799
28Q440	Forest Hills High School	705	2,411
28Q620	Thomas A. Edison Career and Technical Education Hi	487	2,210
24Q585	Maspeth High School	270	2,127
30Q501	Frank Sinatra School of the Arts High School	227	1,714
26Q415	Benjamin N. Cardozo High School	669	1,710
24Q610	Aviation Career & Technical Education High School	530	1,576

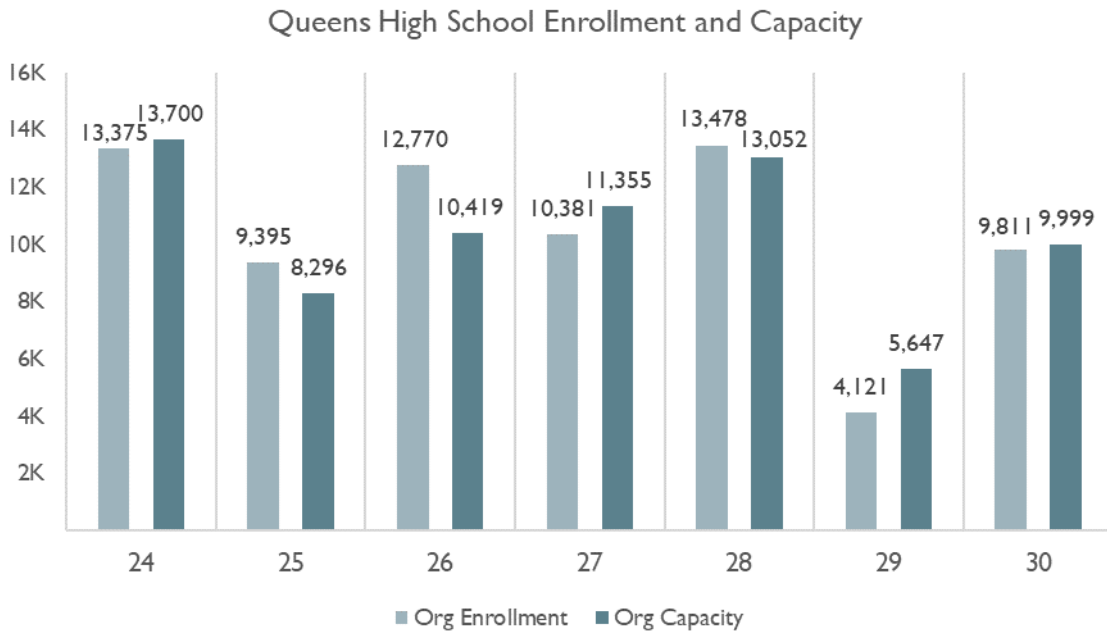
* Applicants here are represented as applicants who were not matched to a more preferred option.

Source: Fall 2023 admissions data; excludes specialized high schools

- Queens high schools listed above as high demand have a variety of programs students can apply to, including Law & Government, Science & Math, Art & Design, and Computer Science.
- Most applicants to Thomas Edison applied to the Engineering program, and most applicants at Bayside High School applied to the Computer Programming & Web Design program.

QUEENS HIGH SCHOOL CAPACITY BY DISTRICT

High School Seat Need – Graph



High School Seat Need – Table

District	Seats	Enrollment	Excess / Deficit
24	13,700	13,375	325
25	8,296	9,395	-1,099
26	10,419	12,770	-2,351
27	11,355	10,381	974
28	13,052	13,478	-426
29	5,647	4,121	1,526
30	9,999	9,811	188
Total Borough	72,468	73,331	-863

Source: Capacity estimates are based on 2021-2022 Blue Book with adjustments for schools with capacity spanning multiple grade levels (e.g. K-8 or 6-12 schools); enrollment is based on 2022-23 Audited Register. Excludes charter enrollment and capacity.

- There are three districts serving more students than the buildings have capacity for. Schools in these buildings may experience high demand and overcrowding, and therefore may be programming creatively to accommodate students.
- Several buildings serving high school grades in Districts 24, 27, 29, and 30 are under-utilized, as described on page 19 below.

NEW CAPACITY PROJECTS

Building	Building Name	Building Level	Description	Total Seats	Anticipated Opening
Q469	CARDOZO HIGH SCHOOL ANNEX - QUEENS	HS	New School	795	September 2023
Q472	H.S. @ 53-16 NORTHERN BOULEVARD - QUEENS	HS	New School	3066	September 2025
Q497	H.S. @ 165-18 HILLSIDE AVENUE - QUEENS	HS	New School	876	September 2026
Q511	JOHN BOWNE HS ANNEX - QUEENS	HS	New School	630	September 2027
Q510	H.S. @ 13-20 124TH STREET - QUEENS	HS	New School	599	September 2027

Based on a New York City School Construction Authority report from July 2023. Includes only projects for grades K-12. Opening timelines are subject to change.

CAPITAL PLAN FUNDED SEATS

Feb 2023 Identified Need	Feb 2023 Funded Need	Seats Completed or In Process
4,526	4,334	3,942

Source: New York City School Construction Authority, 2020-2024 Five-Year Capital Plan Proposed Amendment, February 2023

- The additions and new buildings anticipated to be completed in the coming years allow for the opportunity to alleviate over-utilization across high schools in Queens.
- This new capacity is a significant step in addressing longstanding high school seat need for Queens students and presents exciting opportunities for high school planning.

BUILDINGS & CAPACITY

SCHOOL & BUILDING UTILIZATION

- The Office of District Planning works closely with the School Construction Authority (SCA) and the Office of Space Planning to understand how buildings are currently used and how capacity can best be used in future years.
- Each year, the SCA publishes the Blue Book, a tool that analyzes the capacity of each DOE building across the City and compares the target capacity with the number of enrolled students to determine a utilization rate for the building.
- Guiding Questions:
 - Is over- or under-utilization concentrated in certain districts or particular areas?
 - Are there overcrowded buildings that need to be alleviated? What is enrollment like for schools in these buildings?
 - Are there under-utilized buildings with excess capacity to accommodate an additional school or program?

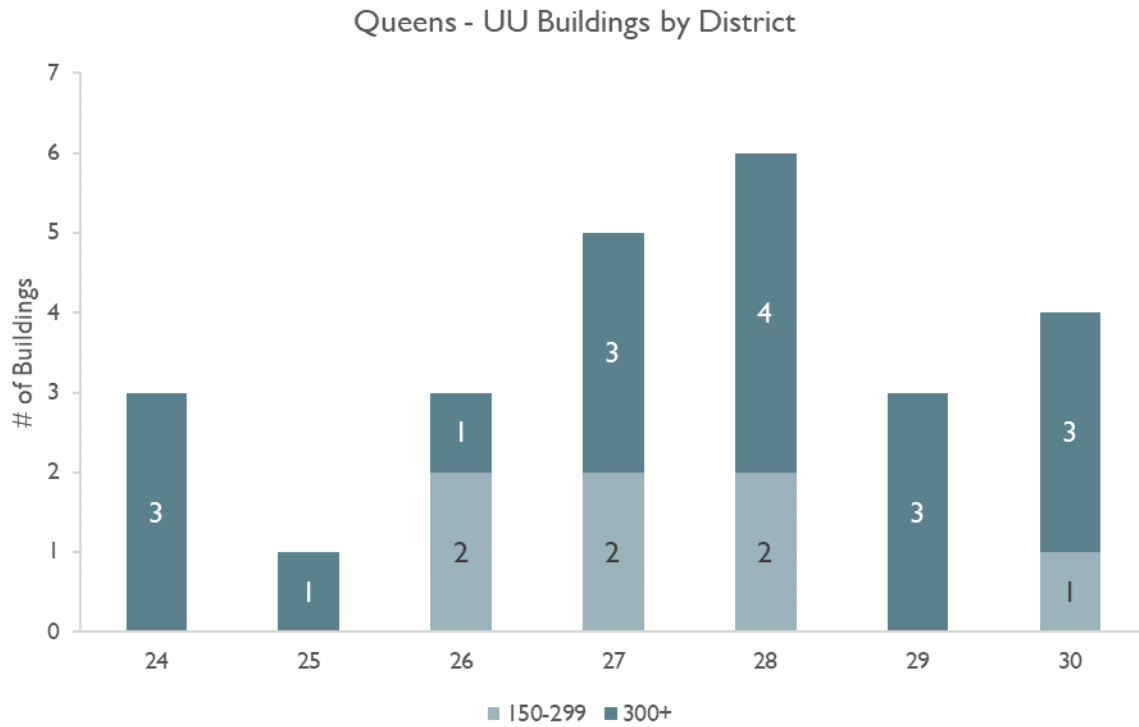
BUILDING SUMMARY

	Queens
Count of Buildings	78
Under-Utilized Buildings	25
150-299	7
300+	18
Over-Utilized Buildings	27
TCUs	6
TCUs with Plan for Removal	6

Source: Building information from LCGMS. Building utilization categories based on the 2021-22 Blue Book and the 2022-23 Under-Utilization Memo

- There are 78 buildings in Queens serving high school students.
- 25 DOE buildings with high school students are under-utilized, meaning there is an excess of seats in these buildings.
 - District Planning works collaboratively with communities to identify how to optimize excess space in buildings, including adding programming where demand aligns to space.
- 27 buildings with high school students are over-utilized, which suggests there may be crowding and/or space challenges at those schools.

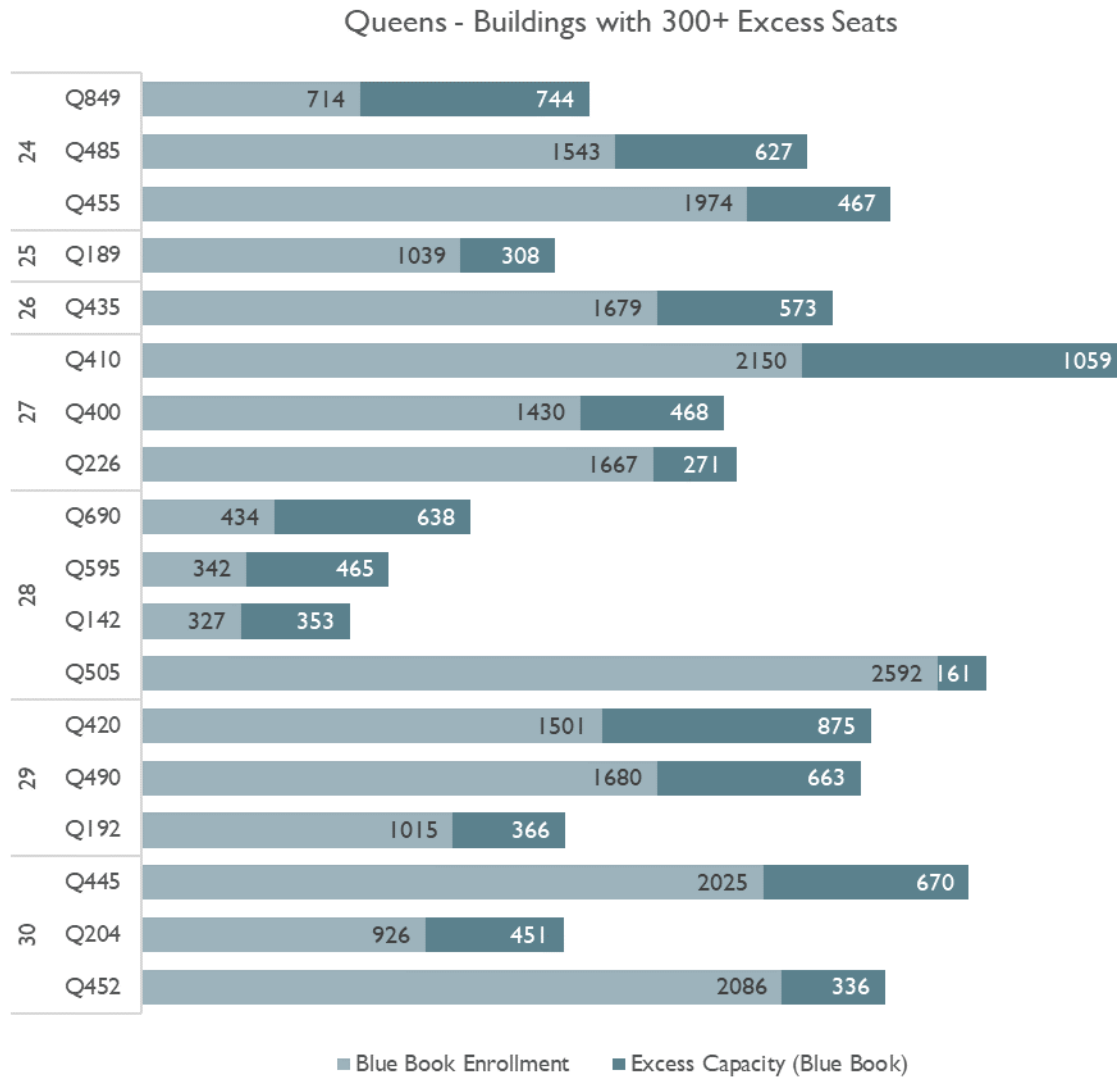
QUEENS UNDER-UTILIZED BUILDINGS



Source: Graph shows schools estimated as under-utilized in 2022-2023 UU Memo; accounts for 2022-2023 building enrollment and planning changes implemented in 2022-2023 and after.

- District 28 has the greatest number of under-utilized buildings serving high school grades in the borough.

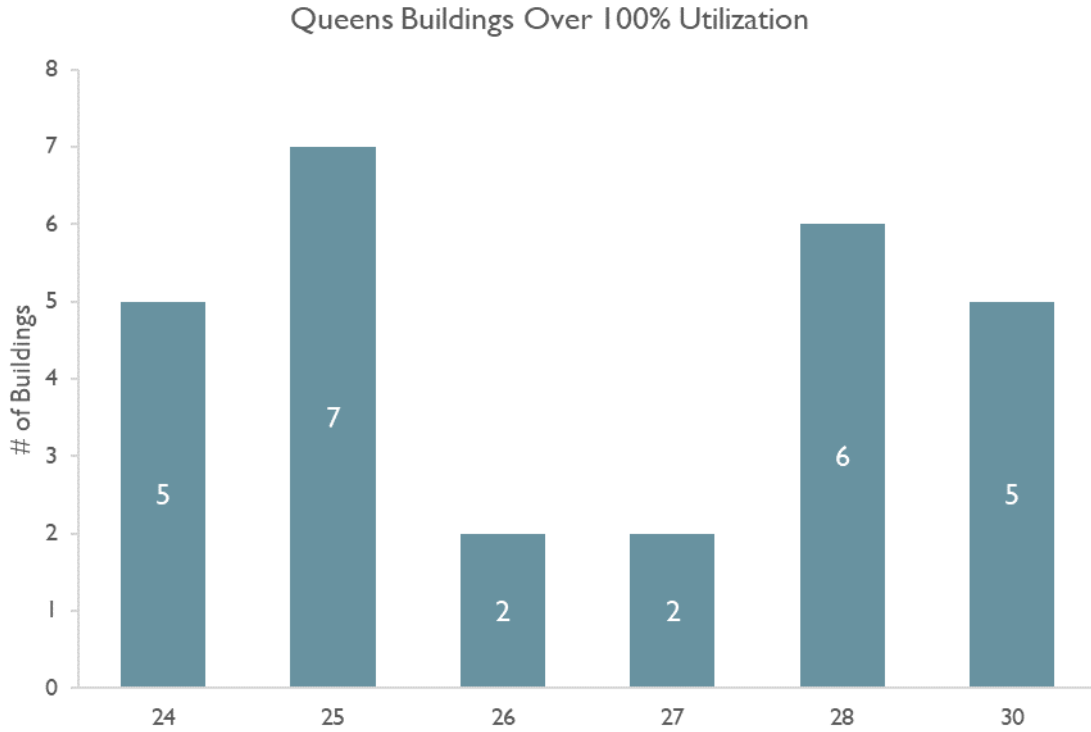
BUILDINGS WITH 300+ EXCESS SEATS



Source: Graph shows enrollment and capacity from 2021-2022 Blue Book; UU status is from the 2022-2023 UU Memo, and accounts for 2022-2023 building enrollment and planning changes implemented in 2022-2023 and after.

- Utilization rates do not always capture the full narrative of space in a building but provide a starting point for assessing potential space availability. For example, some buildings, although under-utilized, may not have sufficient space to add new schools or programming.
- Other buildings have significant excess seats and rooms.
- These could be candidates to address pressing district needs, including adding or expanding programs such as dual language offerings, District 75 programming, Autism Spectrum Disorder (ASD) Nest and Horizon programs, and/or other district needs where demand aligns.
- Most buildings on this list house two or more co-located schools, and excess space is shared across organizations.

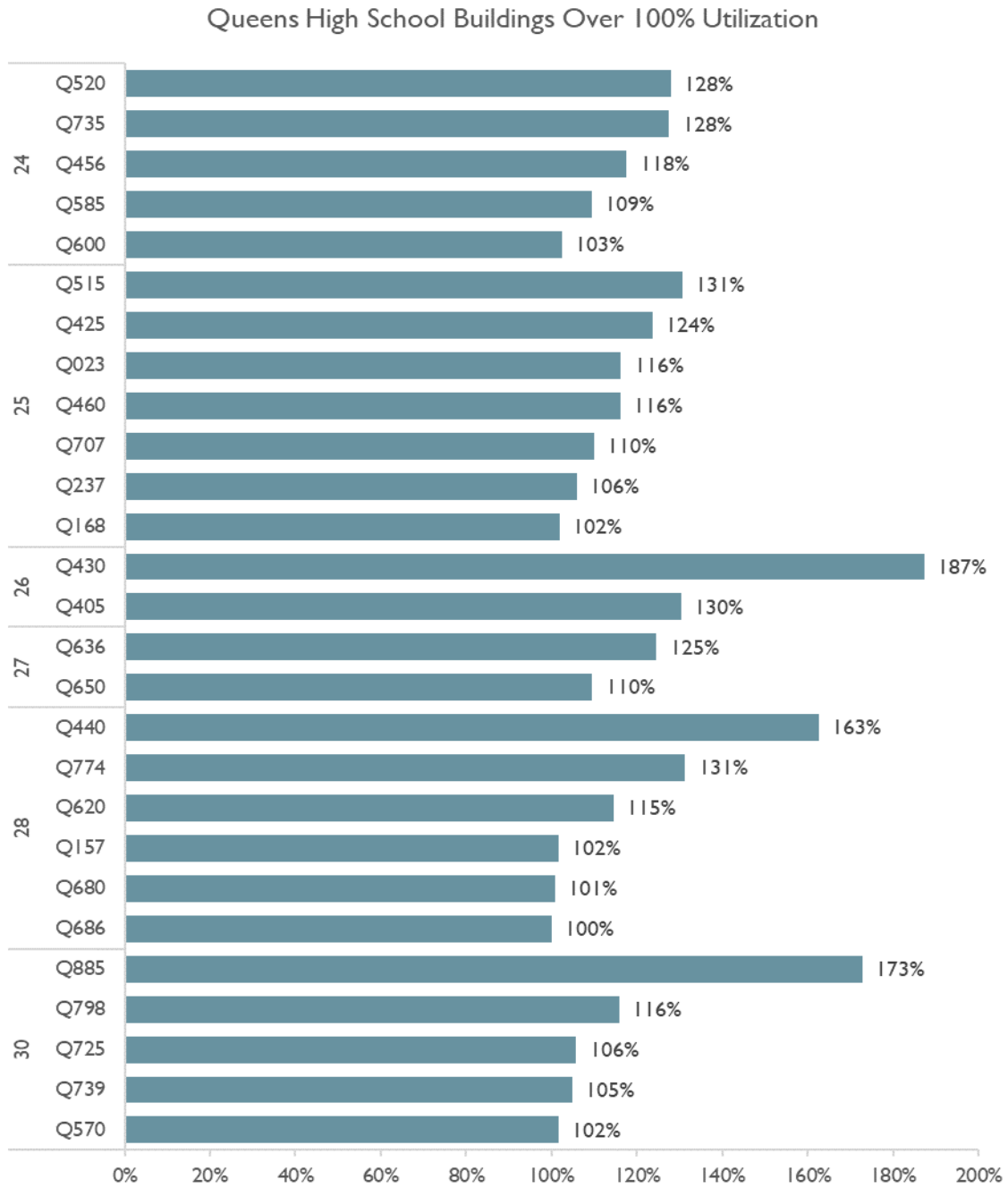
QUEENS HIGH SCHOOL BUILDINGS OVER 100% UTILIZATION



Source: 2021-2022 Blue Book

- There are 27 DOE buildings serving high school students in Queens that have utilization rates over 100%.
- Schools in these buildings may experience high demand, and therefore may be programming creatively to accommodate students.
- District 25 and 28 have the greatest number of over-utilized buildings in the borough.

Queens High School Buildings Over 100% Utilization



Source: 2021-2022 Blue Book

- There are 27 DOE buildings serving high school students in Queens that have utilization rates over 100%.
- Schools in these buildings may experience high demand, and therefore may be programming creatively to accommodate students.
- As a way to address overutilization, building Q425 is receiving an addition, as described on page 16 above.

TRANSPORTABLE CLASSROOM UNITS (TCUS)

Main Bldg ID	Building	Number of TCUs	Status
Q415	BENJAMIN N. CARDOZO HS - Q	2	In Process
Q425	JOHN BOWNE HS - QUEENS	6	Remaining
Q430	FRANCIS LEWIS HS - Q	4	In Process

- All TCU's at Queens high schools have been or are being replaced by new construction, as listed above under new capacity.

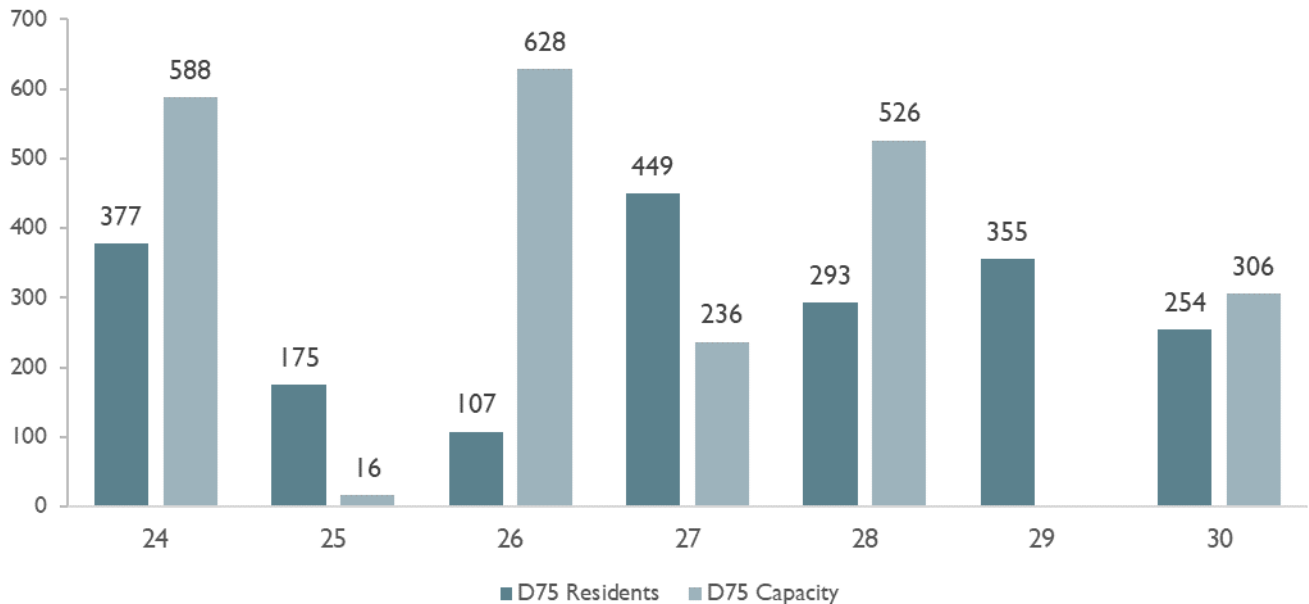
DISTRICT 75 SEAT NEED

District 75

- NYCDOE’s District 75 provides highly specialized instructional support for students with significant challenges, such as Autism Spectrum Disorder (ASD), significant cognitive delays, emotional disturbance, sensory impairment, and multiple disabilities.
- District 75 serves students through a number of different program models designed for students of different ages and education needs.
 - Most District 75 students attend Special Class programs, which operate as distinct schools and may be located in standalone sites or co-located with district schools
 - A smaller number of students attend Inclusion Programs, in which students receive District 75 services within general education classes at a district school partner.
- Guiding Questions:
 - Does the district have a need for more District 75 seats?
 - Are there potential options for new D75 sites to provide opportunities for students to attend programs closer to their homes?

DISTRICT 75 SEAT NEED BY DISTRICT

Queens School Districts - D75 Special Class Seat Need (HS Only)



QUEENS DISTRICT 75 HS SEAT NEED

	Borough	City
Capacity	2,300	9,157
Residents	2,010	7,722
Deficit	No Deficit	No Deficit

Source: 2022-2023 Audited Register; includes only students enrolled in D75 special classes

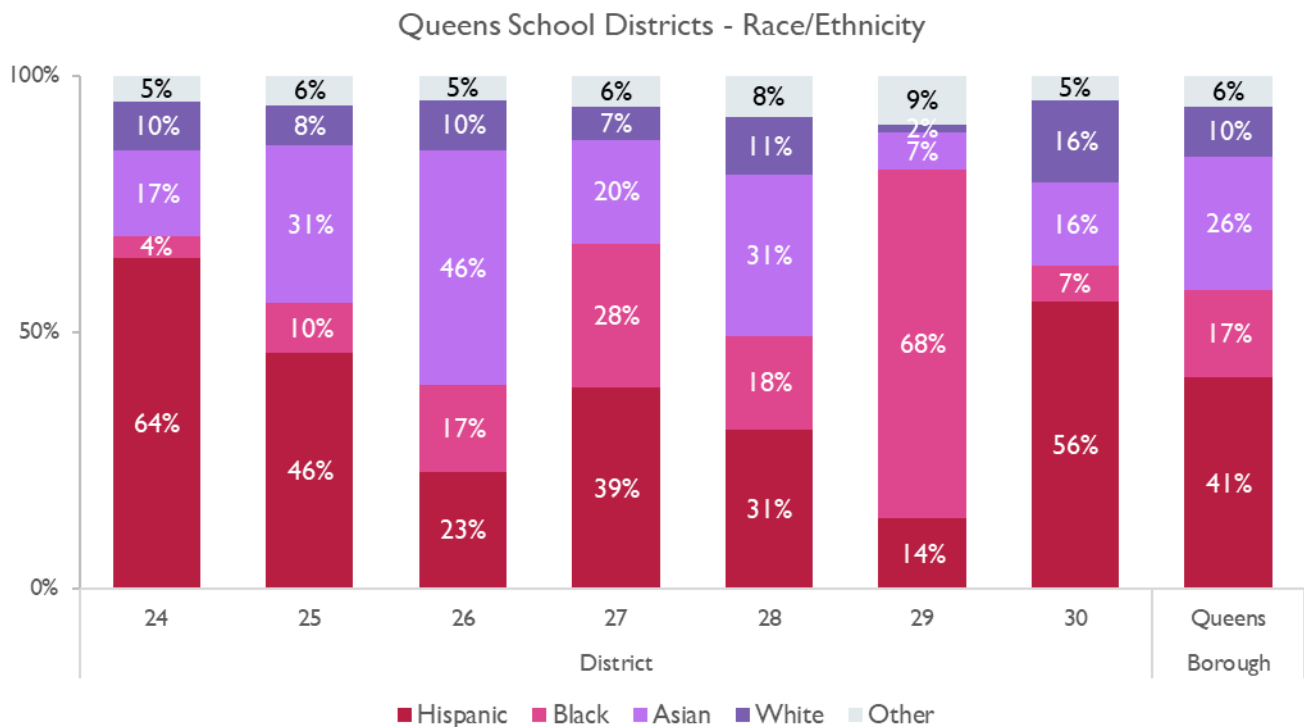
- District 75 serves students in a variety of settings across Queens high schools based on the Individualized Education Programs (IEP) of individual students.
- Overall, Queens has enough seats to accommodate all residents that require a District 75 high school seat. However, seat capacity varies significantly across districts.
- There is a deficit of available high school District 75 seats for residents in Districts 25, 27, and 29.

DEMOGRAPHICS & STUDENT POPULATION

STUDENTS SERVED IN THE BOROUGH

- Demographic data helps us understand the landscape of our districts and the different communities served.
- Guiding Questions:
 - How do the demographics of each district compare to the borough? Has this changed over time?
 - Are there any notable trends across district demographics?

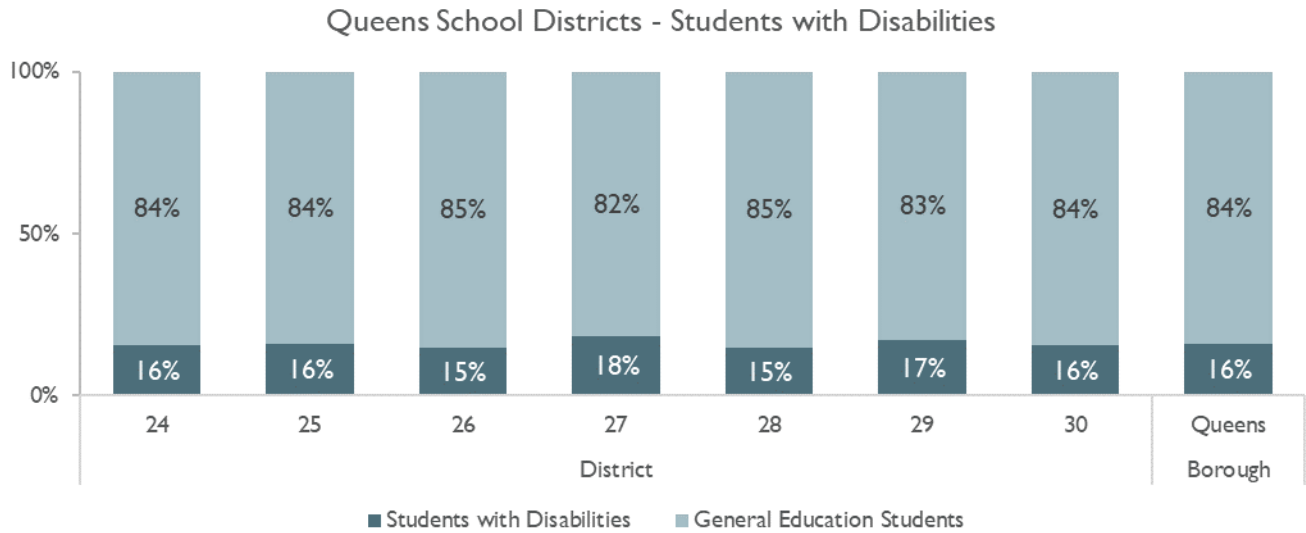
RACE/ETHNICITY



Source: 2022-2023 Audited Register; includes both district and charter schools

- Across Queens, approximately 41% of high school students identify as Hispanic, 17% identify as Black, 26% identify as Asian, and 10% identify as White. Six percent of students identify as another race or their information is not available.
- District 28 high schools serve a population of Queens students that most closely resembles the borough wide demographics.
- District 24 serves the largest proportion of Hispanic students in the borough, and District 29 serves the largest proportion of Black students.

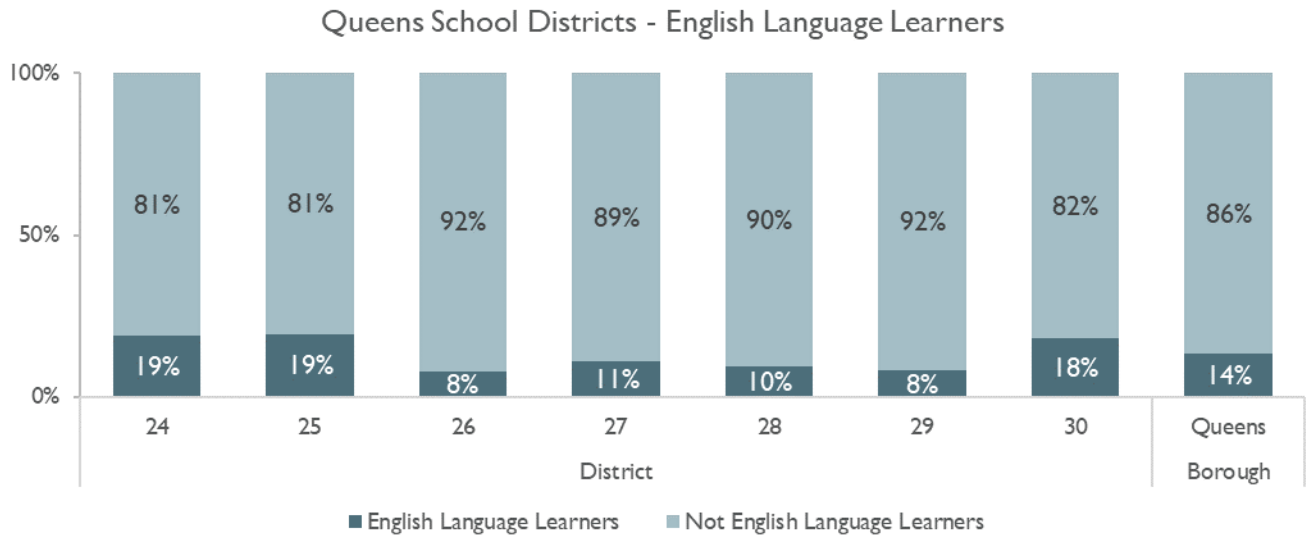
STUDENTS WITH DISABILITIES



Source: 2022-2023 Audited Register; includes district and charter schools

- About 16% of students in Queens high schools have Individualized Educational Programs (IEPs).
- Across Queens, Districts 27 and 29 serve the highest percentage of high school students with disabilities. However, all districts serve a similar percentage of students with IEPs.

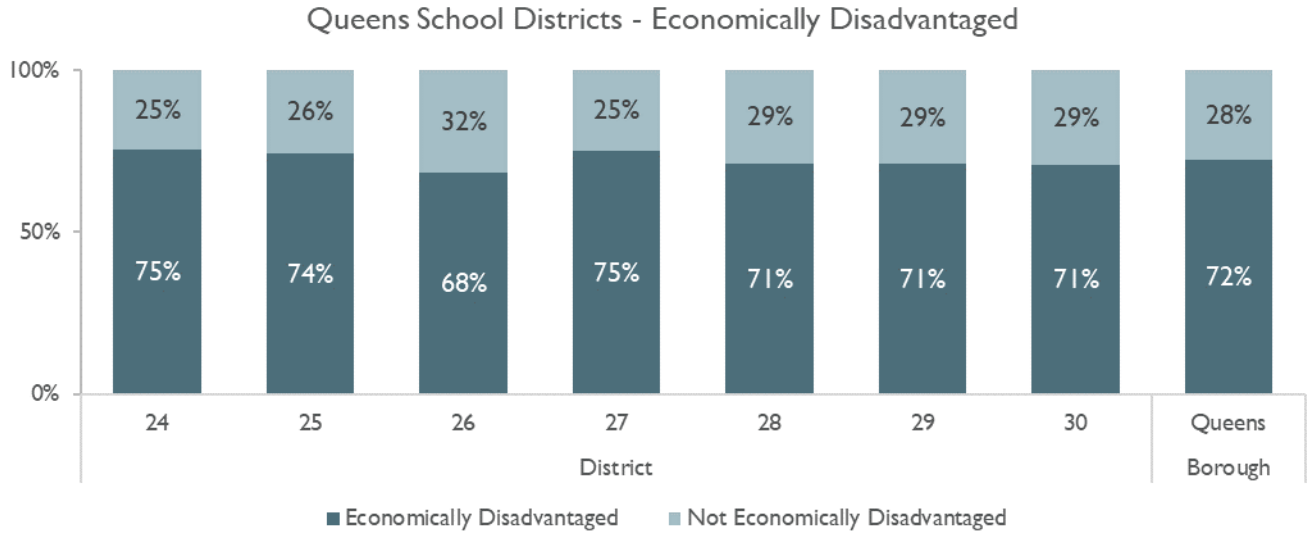
ENGLISH LANGUAGE LEARNERS



Source: 2022-2023 Audited Register; includes district and charter schools

- About 14% of Queens high school students qualify for English Language Learner (ELL) services.
- Districts 24, 25 and 30 serve the largest percentage of students who qualify for ELL services.

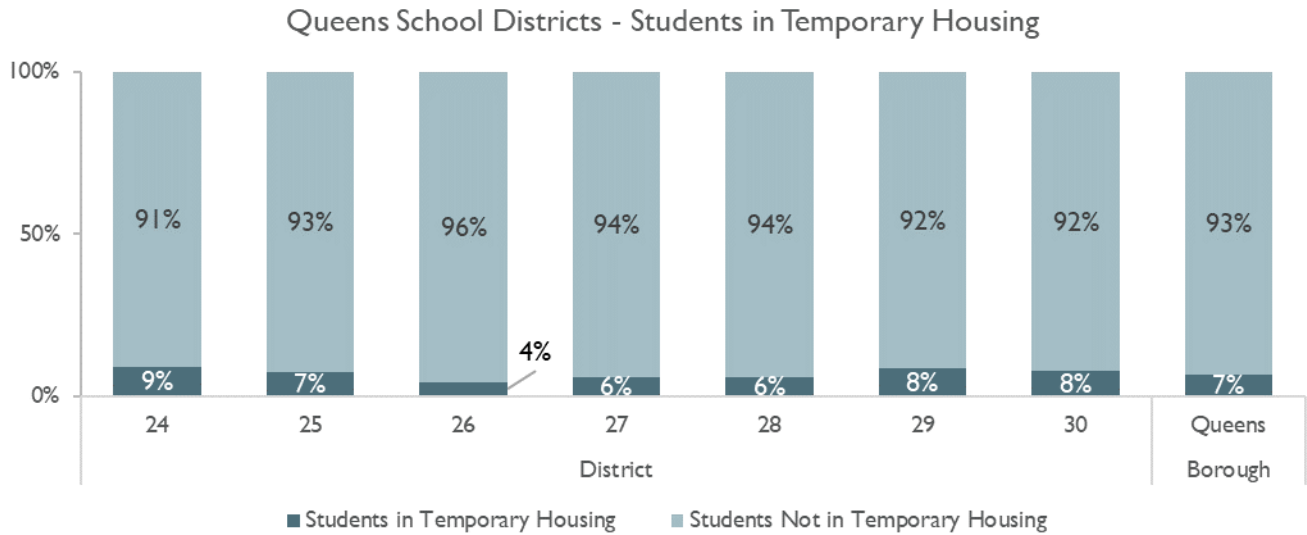
STUDENTS WHO ARE ECONOMICALLY DISADVANTAGED



Source: 2022-2023 Audited Register; includes district and charter schools

- About 72% of Queens high school students are considered economically disadvantaged based on eligibility for FRL or HRA benefits.
- Districts 24, 25 and 27 serve a greater percentage of high school students who are economically disadvantaged than the borough.

STUDENTS IN TEMPORARY HOUSING



Source: 2022-2023 Audited Register; includes district and charter schools

- About 7% of Queens high school students live in temporary housing.
- District 24 serves the greatest percentage of students living in temporary housing in the borough, followed closely by Districts 29 and 30.

SPECIAL PROGRAMS

ASD and Bilingual Education Programs

District	Schools with ASD Programs			Schools with Bilingual Ed Programs			
	Horizon	Nest	Total	DL	TBE	DL/TBE	Total
24	0	0	0	0	0	2	2
25	0	2	2	0	0	3	3
26	0	1	1	0	0	1	1
27	1	0	1	0	0	2	2
28	0	0	0	1	0	1	2
29	0	0	0	0	0	0	0
30	0	1	1	1	0	2	3
Total	1	4	5	2	0	11	13

Academic Programs

District	Academic Programs		
	AP Courses	IB Program	CTE Programs
24	12	0	6
25	10	0	3
26	6	0	3
27	15	1	7
28	13	0	3
29	10	0	4
30	9	1	7
Total	75	2	33

- Districts 25 and 30 have the greatest number of bilingual education programs.
- Thirteen high schools across Queens offer bilingual education programs, with programs in every district except District 29.
- There are no ASD programs serving high school grades in several Queens districts.

2022-2023 BOROUGH MAP

